AMENDMENTS TO THE SPECIFICATION:

Please replace the first paragraph beginning on page 5, line 1 of the specification with the following amended paragraph:

Each of the NEs is comprised of the same DB 130~13n as the conventional methods, a common memory (hereinafter referred to as NE_CM) 150~15n in which DB information and alarm state information according to the present invention are rearranged, a sync-related memory (hereinafter referred to as NE_RM) 140~14n which is a memory of the same pattern as the NE_CM 150~15n for maintaining DB identify with the EMS.

Please replace the Abstract of the Disclosure on page 17 of the specification with the following amended paragraph:

ABSTRACT OF THE DISCLOSURE

The present ~~invention, in~~disclosure relates to a database (DB) synchronization apparatus of a transmission network system which includes a plurality of network elements (NEs) and ~~a~~ an Element Management System (EMS)~~, comprises the NEs each of which includes~~. Each of the NEs may include a common memory in which DB information and alarm state information are rearranged; and a sync-related memory of the same pattern as the common memory for maintaining DB identity with the EMS~~, and the~~. The EMS ~~which includes~~ may include a EMS sync-related memory for storing the DB and the information of the sync-related memory of the

plurality of NEs, and a EMS common memory corresponding to the common memory (CM) of the NE. ~~In addition, a~~ A common memory which reflects database information and the current alarm information to the NEs, and a sync-related memory ~~(RM)~~ which stores data prior to a T-second period are built on the NEs, and these two memories are compared in block units to thereafter transmit only modified block data to the EMS. Accordingly, there is the advantage that since synchronization is established by the comparison of the memories, an initialization execution time is very fast, and a real-time data monitoring and management is convenient.